



2000 Toxics Release Inventory

WISCONSIN

Reported Releases and Waste Management Activities (in pounds)

| | Original Industry | New Industry | Total |
|---|--------------------|-------------------|--------------------|
| On-site Releases | 27,287,195 | 7,222,856 | 34,510,051 |
| Air Emissions | 22,759,612 | 6,268,285 | 29,027,896 |
| Surface Water Discharges | 3,541,861 | 21,312 | 3,563,174 |
| Underground Injection Class I Wells | 0 | 0 | 0 |
| Underground Injection Class II-V Wells | 0 | 0 | 0 |
| On-site Land Releases to RCRA Subtitle C Landfills | 14,498 | 0 | 14,498 |
| Other On-site Land Releases | 971,224 | 933,259 | 1,904,483 |
| Off-site Releases (Transfers Off-site to Disposal)* | 10,630,894 | 4,537,775 | 15,168,668 |
| Total On- and Off-site Releases | 37,918,089 | 11,760,631 | 49,678,719 |
| Recycled On-site | 57,676,098 | 12,768,912 | 70,445,010 |
| Recycled Off-site | 54,597,131 | 404,156 | 55,001,286 |
| Energy Recovery On-site | 13,056,592 | 979,175 | 14,035,767 |
| Energy Recovery Off-site | 16,919,448 | 13,802,345 | 30,721,793 |
| Treated On-site | 115,970,581 | 2,285,307 | 118,255,888 |
| Treated Off-site** | 13,916,868 | 973,307 | 14,890,175 |
| Quantity Released On- and Off-site*** | 37,957,369 | 11,365,365 | 49,322,734 |
| Total Production-related Waste Managed | 310,094,086 | 42,578,567 | 352,672,652 |
| Non-production-related Waste Managed | 261,811 | 59,993 | 321,804 |

Transfers Off-site for Further Waste Management/Disposal

| | | | |
|---|-------------------|-------------------|--------------------|
| Recycling | 53,877,427 | 425,431 | 54,302,858 |
| Energy Recovery | 16,000,684 | 13,234,458 | 29,235,142 |
| Treatment | 8,690,052 | 1,366,563 | 10,056,615 |
| Publicly Owned Treatment Works (POTWs) | 6,202,259 | 661 | 6,202,920 |
| Metals and Metal Compounds* | 61,719 | 103 | 61,822 |
| Non-metal TRI Chemicals** | 6,140,541 | 558 | 6,141,099 |
| Other Off-site Transfers**** | 321 | 0 | 321 |
| Transfers Off-site to Disposal (not including metals to POTWs) | 11,031,391 | 4,538,437 | 15,569,828 |
| Total Transfers Off-site for Further Waste Management/Disposal | 95,802,135 | 19,565,549 | 115,367,684 |

* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code.

For More Information . . .

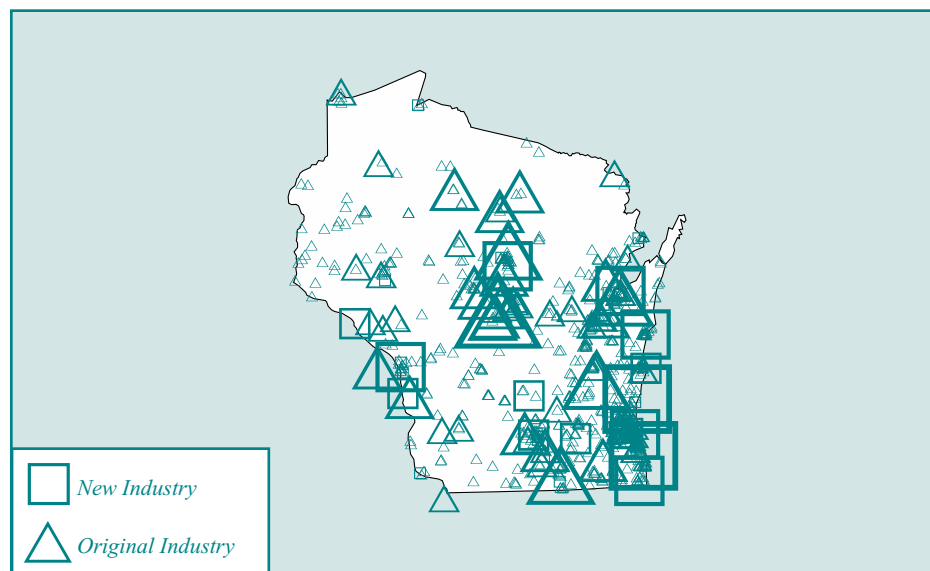
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Fax: (202) 401-2347
tri.us@epa.gov



The largest marker in the state map represents the largest facility for on-site releases in the state of Wisconsin. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

| | |
|------------------|-----------|
| Population | 5,372,243 |
| Square Miles | 54,314 |
| Total Facilities | 870 |
| Total Forms | 2,832 |
| Form As | 400 |

| | Original Industry | New Industry | Total |
|---|-------------------|--------------|-------------|
| National Rank for Total On- and Off-site Releases* | | | |
| Rank | 23 | 34 | 30 |
| Pounds | 37,918,089 | 11,760,631 | 49,678,719 |
| National Rank for Total On-site Releases** | | | |
| Rank | 23 | 40 | 32 |
| Pounds | 27,287,195 | 7,222,856 | 34,510,051 |
| National Rank for Total Releases within State*** | | | |
| Rank | 22 | 34 | 29 |
| Pounds | 38,958,613 | 10,903,970 | 49,862,582 |
| National Rank for Production-related Waste Managed | | | |
| Rank | 24 | 29 | 28 |
| Pounds | 310,094,086 | 42,578,567 | 352,672,652 |

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



2000 Toxics Release Inventory

WISCONSIN

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

| CAS Number | Chemical | On-site Releases | | | | Off-site Releases | Total Releases in the State** | Off-site Transfers to Disposal | | |
|------------|-------------------|----------------------|---------------------------------|------------------------------|---------------------------------|--|-------------------------------|--------------------------------|---------------------------------|---------------------------------|
| | | Air Emissions Pounds | Surface Water Discharges Pounds | Underground Injection Pounds | On-site Releases to Land Pounds | Transfers Off-site to Disposal* Pounds | | Transferred Into State Pounds | Transferred Within State Pounds | Transferred Out of State Pounds |
| 7647-01-0 | Hydrochloric acid | 5,964,815 | 0 | 0 | 0 | 0 | 5,964,815 | 0 | 0 | 0 |
| 67-56-1 | Methanol | 5,305,006 | 83,464 | 0 | 29,353 | 2,731 | 5,420,554 | 930 | 2,731 | 0 |
| — | Nitrate compounds | 676 | 3,190,151 | 0 | 475,596 | 538,321 | 4,204,744 | 5,274 | 538,049 | 272 |
| — | Barium compounds | 35,709 | 9,238 | 0 | 801,896 | 2,541,638 | 3,388,481 | 101,095 | 2,034,179 | 507,460 |
| — | Zinc compounds | 64,115 | 4,842 | 0 | 61,222 | 3,178,616 | 3,308,795 | 984,061 | 1,787,516 | 1,391,100 |

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

| CAS Number | Chemical | On-site Releases | | | | Off-site Releases | Total Releases in the State** | Off-site Transfers to Disposal | | |
|------------|--|----------------------|---------------------------------|------------------------------|---------------------------------|--|-------------------------------|--------------------------------|---------------------------------|---------------------------------|
| | | Air Emissions Pounds | Surface Water Discharges Pounds | Underground Injection Pounds | On-site Releases to Land Pounds | Transfers Off-site to Disposal* Pounds | | Transferred Into State Pounds | Transferred Within State Pounds | Transferred Out of State Pounds |
| 79-94-7 | Tetrabromobisphenol A | 0.00 | 0.00 | 0.00 | 1,581.00 | 1,581.00 | 3,162.00 | 0.00 | 1,581.00 | 0.00 |
| — | Mercury compounds | 2,214.75 | 3.65 | 0.00 | 84.76 | 256.34 | 2,559.51 | 271.30 | 129.03 | 127.32 |
| — | Polycyclic aromatic compounds | 651.57 | 16.04 | 0.00 | 61.24 | 1,807.80 | 2,536.66 | 0.00 | 1,775.40 | 32.40 |
| 7439-97-6 | Mercury | 1,276.72 | 0.86 | 0.00 | 214.74 | 768.91 | 2,261.22 | 0.00 | 91.23 | 677.68 |
| 1336-36-3 | Polychlorinated biphenyls (PCBs) | 0.00 | 0.00 | 0.00 | 0.00 | 79.52 | 79.52 | 1,202.00 | 66.40 | 13.12 |
| 191-24-2 | Benzo(g,h,i)perylene | 10.21 | 2.00 | 0.00 | 0.23 | 32.49 | 44.92 | 0.00 | 31.49 | 1.00 |
| 1582-09-8 | Trifluralin | 0.11 | 0.00 | 0.00 | 0.00 | 2.70 | 2.81 | 0.00 | 2.70 | 0.00 |
| — | Dioxin and dioxin-like compounds | 0.14 | 0.00 | 0.00 | 0.01 | 0.10 | 0.25 | 0.01 | 0.10 | 0.00 |
| — | <i>Dioxin and dioxin-like compounds (in grams)</i> | <i>61.976</i> | <i>0.843</i> | <i>0.000</i> | <i>3.019</i> | <i>46.849</i> | <i>112.686</i> | <i>4.528</i> | <i>46.849</i> | <i>0.000</i> |
| 40487-42-1 | Pendimethalin | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 309-00-2 | Aldrin | —*** | — | — | — | — | — | — | — | — |
| 57-74-9 | Chlordane | —*** | — | — | — | — | — | — | — | — |
| 76-44-8 | Heptachlor | —*** | — | — | — | — | — | — | — | — |
| 118-74-1 | Hexachlorobenzene | —*** | — | — | — | — | — | — | — | — |
| 465-73-6 | Isodrin | —*** | — | — | — | — | — | — | — | — |
| 72-43-5 | Methoxychlor | —*** | — | — | — | — | — | — | — | — |
| 29082-74-4 | Octachlorostyrene | —*** | — | — | — | — | — | — | — | — |
| 608-93-5 | Pentachlorobenzene | —*** | — | — | — | — | — | — | — | — |
| 8001-35-2 | Toxaphene | —*** | — | — | — | — | — | — | — | — |

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals.



2000 Toxics Release Inventory

WISCONSIN

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

| Facility, City, County | On-site Releases | | | | | | Total On-site Releases* Pounds | Off-site Releases | |
|---|-----------------------|---------------------------------|----------------------|-------------------------|----------------------------------|------------------------------------|--------------------------------|----------------------------------|---------------------------------|
| | Underground Injection | | | | On-site Releases to Land | | | (Transfers Off-site to Disposal) | |
| | Air Emissions Pounds | Surface Water Discharges Pounds | Class I Wells Pounds | Class II-V Wells Pounds | RCRA Subtitle C Landfills Pounds | Other On-site Land Releases Pounds | | Transferred Within State Pounds | Transferred Out of State Pounds |
| Stora Enso N.A. Wisconsin Rapids Pulp Mill, Wisconsin Rapids, Wood | 3,010,143 | 1,000 | 0 | 0 | 0 | 84,010 | 3,095,153 | 150,020 | 0 |
| Fort James Operating Co., Green Bay, Brown | 1,257,406 | 481,089 | 0 | 0 | 0 | 0 | 1,738,495 | 59,413 | 0 |
| Port Washington Power Plant, Port Washington, Ozaukee | 1,622,416 | 90 | 0 | 0 | 0 | 0 | 1,622,506 | 3,658 | 10,725 |
| Oak Creek Power Plant, Oak Creek, Milwaukee | 1,263,094 | 6,731 | 0 | 0 | 0 | 192,523 | 1,462,348 | 92,462 | 742,075 |
| Wausau-Mosinee Paper Corp. Brokaw Mill, Brokaw, Marathon | 506,391 | 715,519 | 0 | 0 | 0 | 0 | 1,221,910 | 1,417 | 0 |
| Gmtg Janesville Assembly, Janesville, Rock | 1,039,400 | 0 | 0 | 0 | 0 | 0 | 1,039,400 | 2,270 | 11,055 |
| Quad/Graphics Inc., Lomira, Dodge | 926,595 | 0 | 0 | 0 | 0 | 0 | 926,595 | 460 | 0 |
| Georgia-Pacific Corp. Nekoosa Mill, Nekoosa, Wood | 502,576 | 314,703 | 0 | 0 | 0 | 25,347 | 842,626 | 52,198 | 0 |
| International Paper Kaukauna Facility, Kaukauna, Outagamie | 543,078 | 23,063 | 0 | 0 | 0 | 129,841 | 695,982 | 0 | 0 |
| Crucible Materials Corp. Trent Tube Plants 1 2 & 3, East Troy, Walworth | 213,895 | 352,591 | 0 | 0 | 0 | 0 | 566,486 | 18,237 | 0 |

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

| Facility, City, County | On-site Releases | | | | | | Total On-site Releases* Pounds | Off-site Releases | |
|--|-----------------------|---------------------------------|----------------------|-------------------------|----------------------------------|------------------------------------|--------------------------------|----------------------------------|---------------------------------|
| | Underground Injection | | | | On-site Releases to Land | | | (Transfers Off-site to Disposal) | |
| | Air Emissions Pounds | Surface Water Discharges Pounds | Class I Wells Pounds | Class II-V Wells Pounds | RCRA Subtitle C Landfills Pounds | Other On-site Land Releases Pounds | | Transferred Within State Pounds | Transferred Out of State Pounds |
| Isola Laminate Sys. Corp., La Crosse, La Crosse | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,581.00 | 1,581.00 | 1,581.00 | 0.00 |
| Vulcan Materials Co. Port Edwards Plant, Port Edwards, Wood | 1,110.94 | 2.36 | 0.00 | 0.00 | 189.29 | 7.38 | 1,309.98 | 53.99 | 142.69 |
| Pleasant Prairie Power Plant, Kenosha, Kenosha | 596.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.40 | 596.40 | 1.40 | 7.20 |
| Columbia Energy Center, Portage, Columbia | 527.53 | 0.02 | 0.00 | 0.00 | 0.00 | 1.00 | 528.54 | 0.00 | 0.00 |
| Stora Enso N.A. Wisconsin Rapids Pulp Mill, Wisconsin Rapids, Wood | 427.80 | 0.00 | 0.00 | 0.00 | 0.00 | 9.90 | 437.70 | 20.20 | 0.00 |
| Edgewater Generating Station, Sheboygan, Sheboygan | 280.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 280.23 | 30.80 | 0.00 |
| Dairyland Power Co-op. Alma Site, Alma, Buffalo | 221.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 221.00 | 6.50 | 0.00 |
| Oak Creek Power Plant, Oak Creek, Milwaukee | 142.00 | 0.00 | 0.00 | 0.00 | 0.00 | 17.00 | 159.00 | 1.00 | 75.00 |
| Weston Power Plant, Rothschild, Marathon | 150.60 | 0.00 | 0.00 | 0.00 | 0.00 | 6.00 | 156.60 | 0.00 | 0.00 |
| Pulliam Power Plant, Green Bay, Brown | 81.80 | 0.00 | 0.00 | 0.00 | 0.00 | 12.60 | 94.40 | 0.00 | 0.00 |

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



2000 Toxics Release Inventory

WISCONSIN

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

| Facility, City, County | Recycled On-site Pounds | Recycled Off-site Pounds | Energy Recovery On-site Pounds | Energy Recovery Off-site Pounds | Treated On-site Pounds | Treated Off-site Pounds | Quantity Released On- and Off-site* Pounds | Total Production-related Waste Managed Pounds | Total Non-Production-related Waste Managed Pounds |
|--|-------------------------|--------------------------|--------------------------------|---------------------------------|------------------------|-------------------------|--|---|---|
| Stora Enso N.A. Wisconsin Rapids Pulp Mill, Wisconsin Rapids, Wood | 0 | 0 | 2,696,760 | 0 | 500,000 | 6,760,450 | 3,243,330 | 13,200,540 | 0 |
| Oak Creek Power Plant, Oak Creek, Milwaukee | 0 | 0 | 0 | 0 | 0 | 0 | 2,297,064 | 2,297,064 | 0 |
| Fort James Operating Co., Green Bay, Brown | 0 | 0 | 266 | 0 | 303,890 | 0 | 1,797,832 | 2,101,988 | 0 |
| Port Washington Power Plant, Port Washington, Ozaukee | 0 | 0 | 0 | 0 | 0 | 0 | 1,636,888 | 1,636,888 | 0 |
| Charter Mfg. Charter Steel Div., Saukville, Ozaukee | 0 | 970,000 | 0 | 0 | 201,000 | 520 | 1,633,200 | 2,804,720 | 0 |
| Dairyland Power Co-op. Alma Site, Alma, Buffalo | 0 | 0 | 0 | 0 | 0 | 0 | 1,429,230 | 1,429,230 | 0 |
| Waupaca Fndy. Inc. Plant 2/3, Waupaca, Waupaca | 0 | 878,370 | 0 | 0 | 91,300 | 6,735 | 1,306,503 | 2,282,908 | 0 |
| Wausau-Mosinee Paper Corp. Brokaw Mill, Brokaw, Marathon | 0 | 0 | 0 | 0 | 730,423 | 0 | 1,223,327 | 1,953,750 | 0 |
| Edgewater Generating Station, Sheboygan, Sheboygan | 0 | 0 | 0 | 0 | 15,000 | 0 | 1,117,381 | 1,132,381 | 0 |
| Gmtg Janesville Assembly, Janesville, Rock | 0 | 865,000 | 0 | 0 | 359,600 | 69,050 | 1,049,000 | 2,342,650 | 0 |

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

| Facility, City, County | Recycled On-site Pounds | Recycled Off-site Pounds | Energy Recovery On-site Pounds | Energy Recovery Off-site Pounds | Treated On-site Pounds | Treated Off-site Pounds | Quantity Released On- and Off-site* Pounds | Total Production-related Waste Managed Pounds | Total Non-Production-related Waste Managed Pounds |
|--|-------------------------|--------------------------|--------------------------------|---------------------------------|------------------------|-------------------------|--|---|---|
| Brillion Iron Works Inc., Brillion, Calumet | 0 | 0 | 0 | 0 | 0 | 0 | 1,780 | 1,780 | 0 |
| Isola Laminate Sys. Corp., La Crosse, La Crosse | 0 | 0 | 0 | 0 | 0 | 0 | 1,581 | 1,581 | 0 |
| Vulcan Materials Co. Port Edwards Plant, Port Edwards, Wood | 4,454 | 0 | 0 | 0 | 0 | 0 | 1,309 | 5,763 | 0 |
| Pleasant Prairie Power Plant, Kenosha, Kenosha | 0 | 0 | 0 | 0 | 0 | 0 | 605 | 605 | 0 |
| Columbia Energy Center, Portage, Columbia | 0 | 0 | 0 | 0 | 0 | 0 | 529 | 529 | 0 |
| Stora Enso N.A. Wisconsin Rapids Pulp Mill, Wisconsin Rapids, Wood | 0 | 0 | 0 | 0 | 0 | 0 | 460 | 460 | 0 |
| Superior Special Services Inc., Port Washington, Ozaukee | 3,529 | 0 | 0 | 0 | 0 | 0 | 400 | 3,929 | 0 |
| Edgewater Generating Station, Sheboygan, Sheboygan | 0 | 0 | 0 | 0 | 0 | 0 | 311 | 311 | 0 |
| Oak Creek Power Plant, Oak Creek, Milwaukee | 0 | 0 | 0 | 0 | 0 | 0 | 235 | 235 | 0 |
| Dairyland Power Co-op. Alma Site, Alma, Buffalo | 0 | 0 | 0 | 0 | 0 | 0 | 230 | 230 | 0 |

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.